



**Figure S3.** Complete sensorgrams for epitope binning SPR co-injection experiments. Data are shown for the human HER2 surface only. In the first injection, the HER2 surface was saturated using a concentration equivalent to  $20\times K_D$  of the first VHH (or 20 nM trastuzumab), then in the second injection, the first antibody was supplied in the presence of a second antibody (also  $20\times K_D$ ) to determine whether additional binding occurred. All possible permutations of antibodies were tested as described in the main text.